



Report on
Hands-on-Training Program

on

“FLOWCYTOMETRY, CELL ANALYSIS AND MOLECULAR BIOLOGY SOLUTION”

11 April 2025

Jointly organized by

School of Studies in Biotechnology &

University Institute of Pharmacy,

Pt. Ravishankar Shukla University, Raipur (C.G.)

in association with

THERMOFISHER INC., INDIAN PHARMACY GRADUATES

ASSOCIATION CG STATE BRANCH

&

ALUMNI ASSOCIATION OF BIOTECHNOLOGY

School of Studies in Biotechnology and **University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.)** in association with **ThermoFisher inc., Indian Pharmacy Graduates' Association CG State Branch** and **Alumni Association of Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.)** jointly organized a **Hands-On-Training program on “Flowcytometry, Cell Analysis and Molecular Biology Solution”** on **11 April 2025** at **Seminar Hall, School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.)**. The program commenced at 3:00 pm with a warm welcome and brief introduction of the speaker, **Mr. Arshi Hakim, Regional Manager, ThermoFisher Scientific**. He started with the basics of molecular biology, covering essential topics such as DNA replication, transcription, and the enzymes involved in these processes. He also introduced students to Invitrogen, a brand under ThermoFisher Scientific, and explained its various products. He further gave brief introduction to Polymerase Chain Reaction (PCR) and its detail about the requirements. Following this, **Dr. Gaurav Lambe, Product Specialist, ThermoFisher Scientific**, delivered an engaging talk on cellular analysis. He began by explaining the process of cell culture preparation and how it can be monitored using flow cytometry. He introduced participants to the EVOS Cell Imaging System (Invitrogen) and highlighted its applications. Dr. Lambe continued with an overview of flow cytometry, detailing its various applications and discussing advanced techniques such as Acoustic Focusing, which offers dual cell alignment for

enhanced graphical results, faster and more precise data collection compared to traditional flow cytometry. The session concluded with an interactive Q&A segment, where students actively participated and cleared their doubts. Selected participants were awarded prizes as a token of appreciation. The event ended with a vote of thanks, expressing gratitude to the speakers, organizers, and participants for their contributions to the success of the program.

Glimpses of the program






**ThermoFisher
SCIENTIFIC**

HANDS-ON-TRAINING PROGRAM ON “FLOWCYTOMETRY, CELL ANALYSIS AND MOLECULAR BIOLOGY SOLUTION”

ORGANISED BY

**SCHOOL OF STUDIES IN BIOTECHNOLOGY &
UNIVERSITY INSTITUTE OF PHARMACY,
PANDIT RAVISHANKAR SHUKLA UNIVERSITY
RAIPUR**





IN ASSOCIATION WITH

**THERMOFISHER INC., INDIAN PHARMACY GRADUATES
ASSOCIATION CG STATE BRANCH & ALUMNI ASSOCIATION OF
BIOTECHNOLOGY**

11th April 2025

Time:- 3:00 PM Onwards

Venue: Seminar Hall SoS in Biotechnology

Hands on Training Program on Flow cytometry, Cell Analysis and Molecular Biology Solution

Organized by School of Studies in Biotechnology and University Institute of Pharmacy, PRSU in Association with ThermoFisher Inc., Indian Pharmacy Graduates Association CG State Branch & Alumni Association of Biotechnology

11 April 2025
Attendance list

Name	Department	Signature
1. Nisha Bakshi	SoS Biotechnology	
2. Sonam Zutshi	SoS Biotechnology	
3. Riyan Prasad	—	
4. Tinkarna K. Wankar	—	
5. Nandana	—	
6. Parul K. Nandha	—	
7. Urvashi Dwivedi	—	
8. Manish Purohit	—	
9. Rajat Singh	—	
10. Koushik Subhakar	—	
11. Samir Sharma	—	
12. Monika Verma	—	
13. Kritika Tiwari	—	
14. Kuska Singh Thakur	—	
15. Dhanu Kumar	—	
16. Satish Mandot	—	
17. Shweta Rajput	—	
18. Nidhi Yadav	—	
19. Maheshwar Singh	—	
20. Dr. Rameshwar Kany	C.I.F (NMR)	
21. KHEMRAO	SoS in Biotechnology	
22. Parul Kumar Sahu	SoS in Biotechnology	
23. Sakshi Sinha	—	

Hands on Training Program on Flow cytometry, Cell Analysis and Molecular Biology Solution

24. Reza Ali	SoS in Biotechnology	
25. Ravi Prasad	University Institute of Pharmacy	
26. Chandreshwar	University Institute of Pharmacy	
27. Arunima Sahu	University Institute of Pharmacy	
28. Rishi Sahu	University Institute of Pharmacy	
29. Rajat Thakur	University Institute of Pharmacy	
30. Khushi Sahu	SoS in Biotechnology	
31. Smita M. Gupta	SoS in Biotechnology	
32. Sagar Garg	SoS in Biotechnology	
33. Ananya Gupta	SoS in Biotechnology	
34. Anjali Sahu	SoS in Biotechnology	
35. Rishi Priya Sahu	SoS in Biotechnology	
36. Chandra Bora	University Institute of Pharmacy	
37. Bhavana Dhanu	University Institute of Pharmacy	
38. Nisha Topro	University Institute of Pharmacy	
39. Likhendra Singh Bhat	UIOP, PRSU	
40. Sachin Kumar Yadav	UIOP, PRSU	
41. Shweta Devi Choudhary	UIOP, PRSU	
42. Divya Sahu	UIOP, PRSU	
43. Ananya Krishna Shukla	SoS Biotech	
44. Parul Piyush Nandan	SoS Biotechnology	
45. Dhanu Dhanu	SoS in Biotechnology	
46. Mani Dhanu	—	
47. Gitanjali Rathore	SoS in Biotechnology	
48. Chanchal Verma	SoS in Biotechnology	
49. Gauri Dwivedi	University Institute of Pharmacy	

50. Mayank K. Verma	SoS in Biotechnology	
51. Rishi Kungu	SoS in Biotechnology	
52. Bhavana Sahu	SoS in Biotechnology	
53. Anshu Agrawal	SoS in Biotechnology	
54. Ananya Nandan	SoS in Biotechnology	
55. Nisha Kungu	SoS in Biotechnology	
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